Pyramix is available with the following choice of Audio Engine:

**MassCore:**
- Merging Technologies’ proprietary audio engine. MassCore is by far the most powerful yet cost-effective hardware/software audio DSP available.
  - Up to 384 Inputs and Outputs, along with 256 Busses @ 1FS
  - Operating sample rates from 44.1kHz up to 384kHz (DXD) & DSD (DSD64, DSD128, DSD256)
  - Latency as low as 5.33ms from Live In to Live Out
  - Connect to all Merging’s Networked Audio Interfaces using RAVENNA & AES67 AoIP technology.

**Native (ASIO):**
- For smaller budgets and for use with laptops, the Native Audio Engine uses standard ASIO drivers to connect to any 3rd party audio interface and Merging supplied RAVENNA ASIO driver to connect to Merging Networked Audio Interfaces. From USB and FireWire to PCI and PCIe or Ethernet, if it connects with the computer, Pyramix is ready for use with 32 or 64bit Windows OS.
  - Up to 128 channels @ 1FS
  - Operating sample rates from 44kHz up to 384kHz (DXD) & DSD (DSD64, DSD128, DSD256)
  - Use any ASIO device for audio I/O
  - Both audio engines can be used with the Ovation Turnkey Chassis.

**Pyramix Software available in the following packages:**

**Pyramix Essentials**
- A low cost basic version for any Pyramix user. Perfect as a craft editor, basic mastering station, field recorder or any other smaller endeavour. Pyramix Essentials is a great tool.

**Pyramix Native**
- The perfect tool for acoustic music production, radio production and mastering. Pyramix software is the award winning workstation used by many of the world’s most respected acoustical sound engineers. Pyramix Native gives you all the tools you will need to capture, edit, mix and master your next music production in a cost effective solution.

**Pyramix Native Pro**
- When you need more power, more tracks and higher sample rates, you need to go Pro. This extended version is ideal for use in music and music mastering, as well as post production for radio, film and TV; matched with sample rate support up to 384 kHz and DXD/DSD256.

**Pyramix MassCore**
- When low latency is essential and your studio needs to rely on a stable, proprietary DSP engine, MassCore is the answer. Pyramix MassCore Standard comes with a basic set of software features along with possibly the lowest guaranteed latency from In -> Out ever seen, and native engine connectivity to RAVENNA & AES67 AoIP technology.

**Pyramix MassCore Pro**
- This Pyramix pack is designed for professionals. Get the advantages of MassCore’s power and low latency, combined with almost every advanced software tool Pyramix has to offer. MassCore Pro offers truly extended 3D. Create speaker output in configurations of up to 128 speakers, allowing users to explore the world of immersive audio in ways never possible before.

**Pyramix MassCore Extended**
- If extended track count possibilities (3x that of MassCore Pro), low latency and immense I/O capabilities are what you need then MassCore Extended is the choice for you. With additional multi-core MassCore Engine, this is by far the most powerful DAW you will ever find.

**AES67 & RAVENNA:**
- Industry standard for Audio over IP
- Compatible with newer Dante devices
- Operates on existing network infrastructure
- Operates in shared traffic environments (w/QoS)
- Hundreds of ultra low latency audio channels on CAT6

**HAPI - smaller than Horus, but with every bit of the quality and flexibility**
- Small 1U form factor
- Rotary encoder for configuration, settings and volume
- Web browser remote control
- DC power supply option
- The same analog and digital options as Horus

**HORUS - Merging Technologies flagship audio interface**
- World renowned analog signal path
- Completely transparent mic pre-amps
- MAX2, AES/EBU & HDX digital interfaces
- Over 400 I/O in a 2U chassis
Pyramix Virtual Studio - Swiss tools for Immersive Sound Design, Music, Post & Mastering

No matter what the workflow, no matter how big the project you are about to start, Pyramix Virtual Studio will provide. From the most influential orchestras and acoustic ensembles, to industry acclaimed cinema and television, to Grammy® winning engineers, Pyramix gives users Swiss precision and quality in every step of the audio production.

Immersive Audio Made Simple

World-Class RAVENNA Interface

Immersive sound, 3D sound, Atmos and Auro to name but a few of the names for it, the addition of height speakers to surround sound mixes in both music and audio for picture production has completely taken hold in the industry. Pyramix offers a 100% integrated X/Y/Z Panner which offers the ability to move mono or multichannel sources into speaker arrays of any size and in any standard or manually designed configuration. MassCore or MassCore audio engine

Special Tools for Special Workflows

Niche workflows supported like they should be

Some other workstations may be great for general workflows, and so is Pyramix. But, when it comes to ultra-specialised industries requiring a level of sophistication beyond the rest, more cost effective in the short and long term, and more flexible than the rest, more cost effective in the short and long term, and more flexible

RAVENNA/ AES67

Create a Pyramix Ecosystem with IP Audio

Imagine a world where every single input and output connection in your whole facility, from DAW to audio interface, pre-amp to speaker, room to room, was able to connect together without a need for a single patch bay. It is the RAVENNA world where, just as we are used to in our ‘connected’ lives, we can live in a studio environment having everything connected to everything else. In a RAVENNA network, Pyramix and Horus become nodes allowing routing from any input into the network to any number of outputs the user desires. If you can dream up the connection, Pyramix and Horus using RAVENNA can make it happen.

MassCore Audio Engine

Still the most Powerful Audio Engine ever

With one of the highest track counts available in any DAW, 384 tracks at 44.1/48kHz is just the beginning.  • 192 channels at 96kHz / 96 channels at 192kHz / 64 channels@DXD/DDSD

MassCore also allows for an immense number of mix buses, EQs and Dynamics and metering at the same time. Relying on Intel processing but side stepping the issues and instabilities caused by using a ‘host-based’ paradigm of operation, MassCore presents the user with the stabilities, power and low latency features usually associated with proprietary hardware only. MassCore is more powerful than the rest, more cost effective in the short and long term, and more flexible than any other technology on the market today.

CD Mastering & Digital Release

“The first rule of mastering is ‘do no harm’, and with a system as transparent as Pyramix this is easily achieved.”

- Bob Ludwig, Gateway Mastering - USA

Digital album publishing

MP3/M4A/FLAC/Ogg Vorbis

Hapta SRC algorithm

Final Check loudness/true peak

Source and Destination editing

Classical Music Production

“Pyramix is essential to every part of our workflow. Being able to preserve high sample rates, even up to the mastering stage, is such a huge benefit.”

- Morten Lindberg, 2L - Norway

Monitoring section with talkback

Ultra-large track counts

Multichannel fade editor

Mix/Time independent

Record from 44.1 to DXD/DDS

Post Production TV & Film

“The tight integration of the multiple Pyramix workstations in our seven TV / Radio stations’ central network and asset management system is a very efficient and productive solution for us”

- Chongqing Broadcast Group - China

API for customized MAM integration

Jog Wheel editing support

Database search engine

MXF, AAF, FCP XML, OMF

EuCone, Oui, HUI support

DKD/DDSD & SACD Mastering

“Some tracks in a relatively simple digital music production studio on digital audio workstations, from recording to mastering, is easy achieved.”

- Everett Porter, Polyhymnia - Holland

Horus DKD/DDSD converter

DST estimator tool

CD Production from DDS masters

All DDS file formats (DFF,DFW/DS)

Live & OB Recording

“Live recording for large scale events is all about reliability, so for us Pyramix was the only choice.”

- Mike Hatch, Floating Earth - UK

Elite user base in live & OB recording

“Safe record” settings

Unlimited record file size

Portable, small footprint solutions

Robust hardware design

Immersive Sound Design

“For our experimental events, being able to create busts which replicate our dome and other immersive arrays makes the content creation process so simple, even when under pressure from the most intense of producers.”

- Davy Williamson, Delta Sound - UK

Distance panning

3D mouse integration

Validated with B Format/Binaural tools
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Pyramix and all Pyramix options are products of Merging Technologies.

Please contact: Merging Technologies SA, Le Verney 4, CH-1070, Puidoux, Switzerland. T +41 21 946 0444 E www.merging.com/contact W www.merging.com/pyramix

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